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# NASA Procedural Requirements

**COMPLIANCE IS MANDATORY****NPR 8590.1A**  
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2021[Printable Format \(PDF\)](#)

Request Notification of Change

 (NASA Only)**Subject: Environmental Compliance and Restoration Program (Revalidated on April 5, 2016 with Change 1)****Responsible Office: Environmental Management Division**[| TOC](#) | [ChangeHistory](#) | [Preface](#) | [Chapter1](#) | [Chapter2](#) | [Chapter3](#) | [Chapter4](#) | [Chapter5](#) |  
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## Chapter 3. Environmental Compliance and Restoration Program Management Requirements

### 3.1 Overview

3.1.1 The ECR Program provides direction, oversight, analysis, management, control, and funding of ECR projects and activities.

### 3.2 Approvals and Authorization

3.2.1 The ECR Program Manager shall:

- a. Provide guidance on criteria for ECR Project eligibility.
- b. Approve restoration projects and ECFL projects.
- c. Approve Interim Actions.
- d. Approve cost estimates for restoration projects and ECFL projects.
- e. Approve transfer of funds between projects.
- f. Approve clean-up levels and analysis of alternatives for restoration projects.
- g. Approve site closure for restoration projects, including verifying and validating regulatory agency approval.
- h. Approve closeout of restoration projects, ECFL studies, and Capital Compliance projects.

### 3.3 Environmental Compliance and Restoration Program and Project Prioritization

3.3.1 The ECR Program Manager shall:

- a. Establish a prioritization process for funding, management, and control of the ECR Program and projects in accordance with NPR 8000.4, Agency Risk Management Procedural Requirements.
- b. Submit the process to the Director of EMD for approval.
- c. Ensure that the approved prioritization process is followed.

### 3.4 Cost Estimation and Funding

3.4.1 The ECR Program Manager shall:

- a. Establish a process for preparing project cost estimates.
  - (1) Submit the process to the Director of EMD for approval.
  - (2) Ensure that the approved cost estimation process is followed.
  - (3) Ensure that training on the approved process is available for cost estimators.
- b. Initiate data calls to Center Environmental Managers for project cost estimates.
- c. Assist the Office of the Chief Financial Officer to summarize contingent and unfunded liability estimates in accordance with NPR 9260.1, Revenue, Unfunded Liabilities, and other Liabilities.
- d. Compile and submit the following to the Director of EMD:
  - (1) Project cost estimates from Centers and Component Facilities.
  - (2) Costs for ECR Program activities (e.g., Environmental Functional Reviews (EFRs), support of the NASA Environmental Tracking System (NETS)).

## 3.5 Monitoring, Reviewing, and Reporting

3.5.1 The ECR Program Manager shall:

- a. Monitor ECR Program implementation at the Centers and Component Facilities.
- b. Review PRP agreements and submit them to the Director of EMD.
- c. Review progress reports submitted by Center Environmental Managers, and prepare a summary for the Director of EMD as requested.

## 3.6 Corrective Action

3.6.1 The ECR Program Manager shall:

- a. Establish a corrective action process for milestones and metrics that are not met.
- b. Submit the process to the Director of EMD for approval.
- c. Ensure that the approved process is followed.

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